(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

(10) International Publication Number WO 2005/047818 A1

(51) International Patent Classification7: A61C 13/00

G01B 21/04,

(21) International Application Number:

PCT/GB2004/004664

(22) International Filing Date:

4 November 2004 (04.11.2004)

(25) Filling Language:

English

(26) Publication Language:

English

(30) Priority Data: 0325803.5

5 November 2003 (05.11.2003)

(71) Applicant (for all designated States except US): REN-ISHAW PLC [GB/GB]; New Mills, Wotton-under-Edge, Gloucestershrie GL112 8JR (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): TAYLOR, David, William [GB/GB]; 9 Fourth Avenue, Dursley, Gloucestershire GL11 4NX (GB).

(74) Agents: FOWLER, Maria, Jayne et al., Renishaw plc, Patent Department, New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, 7.W.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

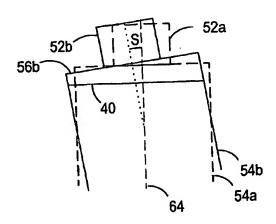
of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF SCANNING



(57) Abstract: A method of scanning is disclosed comprising, providing a scanning system (10) having a sample holder (14) and a relatively movable scanning device (18), performing a scan of at least a part of an object (22) located on the sample holder (14), establishing orientation of the sample holder and interpreting data from a scan using the orientation whereby, the orientation is established using data from the scan of the surface of the sample holder. The orientation may be established by defining a plane (56b) of the sample holder, which may be limited by boundaries (76a,76b).